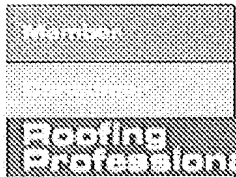
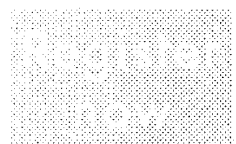


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12th International Roofing and Waterproofing Conference

The 12th International Roofing and Waterproofing Conference was held Sept. 25-27, 2002, in Orlando, Fla. The following are papers that were presented during the conference and their authors' names.

- "[Thinking about roof system quality: An attitude survey of industry stakeholders](#)," James L. Hoff, Firestone Building Products, United States
- "[The German forum—An alliance for occupational safety and health](#)," Dr. Reinhold Rühl, Construction Industries Trade Association; Dr. Uwe Musanke, GISBAU; Dr. Rainer Heinseleit, Industry Association Industrierverband Bitumen Dach-und Dichtungsbahnen e.V., Germany
- "[Practical application of the EVT concept](#)," Peter Kalinge, Canadian Roofing Contractors Association, Canada; Dr. Karen Liu, National Research Council of Canada, Canada
- "[Performance properties of interply adhesive used with SBS-modified bitumen membranes](#)," Tim Kersey, Ernesto Santos and Kirk Goodrum; Siplast/Icopal Inc., United States
- "[Cold roofing and waterproofing systems in the United States: An independent overview of their performance characteristics, material analysis and solutions for proper application](#)," John A. D'Annunzio, Paragon Roofing Technology Inc., United States
- "[Beyond 20-year low-slope performance](#)," Gary C. Patrick, INSPEC Inc., United States
- "[Important future aspects of polymer modified bituminous membranes](#)," Poul Henning Jensen, Icopal, Denmark
- "[In situ performance of APP modified roofing sheets. Impact of the application, technique. No flame concept.](#)," Philippe Thiriaux, Patrick Cogneau and Peter Holvoet, Imperbel Group, Belgium

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- "Self-adhesive roofing felts: Mass production or made to measure," Erik Trommelen, KRATON Polymers Research, The Netherlands
- "Testing and approval of contractor-fabricated metal panel roof systems," James R. Kirby, NRCA; Bala Sockalingam, ENCON Consultants Inc., United States
- "Integrating a lightning protection system into a roof system," Thomas L. Smith, TLSmith Consulting Inc., United States
- "Leakage detection methods for roof membranes," Fredrik Gränne and Folke Björk, Kungl Tekniska Högskolan Division of Building Technology, Sweden
- "Exploring tomorrow's technology in roofing," Dr. John W. White, The Garland Co., United States
- "Failure mechanisms in liquid-applied waterproofing systems," Karmi Farahmandpour, Building Technology Consultants, United States
- "Waterproofing details—design under constrained conditions," Samuel Vesely, Israel
- "MRCA roof coatings research—a progress report," Jim Carlson, Midwest Roofing Contractors Association; Bill Collins, Building Envelope Technology & Research; John Daly, Kaw Roofing; Tony Spigarelli, Central Roofing Company, United States
- "A web-based tool to estimate the energy savings associated with solar radiation control applied to commercial roofing systems," André O. Desjarlais, Thomas W. Petrie, William Miller and Therese K. Stovall, Oak Ridge National Laboratory, United States
- "Insulation boards for the 21st century," John B. Letts and Wayne E. Laughlin, Firestone Building Products; Sachchida N. Singh and Monica K. Nturu, Huntsman Polyurethans, United States
- "New test method to assess the walkability of roof insulation boards," Nico A. Hendricks, The Netherlands
- "Study of Polyisocyanurate rigid foam board facer behavior using the rolling load emulator," René M. Dupuis, Structural Research Inc.; John B. Letts and Tim D. Tackett, Firestone Building Products, United States
- "Aging and hail research of PVC membranes," Frank J. Foley, Target Corp; Jim D. Koontz, Jim D. Koontz & Associates Inc.; Joseph K. Valaitis, Valaitis Consulting, United States
- "The effects of mechanical damage to roof insulation," Jim D. Koontz and Vickie Crenshaw, Jim D. Koontz & Associates Inc.,

United States

- ["Dents in metal roof appurtenances caused by ice ball impacts,"](#) Scott J. Morrison, Haag Engineering Co., United States
- ["Early history of attic ventilation,"](#) William B. Rose, Building Research Council, University of Illinois at Urbana-Champaign, United States
- ["Re-examining roof ventilation as a moisture solution,"](#) Anthony Woods, CanAm Building Envelope Specialists Inc., Canada
- ["Snow, water and ice: Understanding and solving water backup and ice accumulation,"](#) Thomas W. Hutchinson, Legat Architects; Matt Millen, Millen Roofing Co., United States
- ["The effects of moisture and heat on the tear strength of glass fiber-reinforced asphalt shingles,"](#) René M. Dupuis, Structural Research Inc.; Mark S. Graham, NRCA, United States

If you have questions about conference or symposia proceedings not available from NRCA, contact NRCA's Technical Services Section at (847) 299-9070.

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